

OPNAVINST 4790.15D ALREMP Revision Highlights

Revision D to the Aircraft Launch and Recovery Equipment Maintenance Program (ALREMP) (OPNAVINST 4790.15D) replaces OPNAVINST 4790.15C **ADVANCE COPY** dated 28 February 1997 and includes the following:

General

1. Includes corrections to OPNAVINST 4790.15B and OPNAVINST 4790.15C **ADVANCE COPY**.
2. Revises NAVSUP ICPs and NAVAIRWARCENACDIV Lakehurst codes.
3. The major revision is the deletion of Chapter 9A due to all CV/CVNs replacing ALREMP ADP with SNAP I OMMS. The former Appendix Ba, Instructions for Completing OPNAV 4790/143 has also been deleted. Chapter 12 ALRE Maintenance Support has been rewritten in its entirety due to numerous changes, both in scope and depth, of the ALRE Maintenance Support Organization.

Chapter 1: Introduction and Guide for Using the Aircraft Launch and Recovery Equipment Maintenance Program (ALREMP)

1. Changes address for Commander, Naval Air Systems Command.
2. Changes ASO/SPCC to NAVICP Philadelphia and Mechanicsburg respectively.
3. Updates letter samples Figure 1-1,1-2 and 1-3 to reflect current instruction.

Chapter 2: Objective, Policy, and Responsibility for the ALREMP

1. No changes.

Chapter 3: Maintenance Concepts, Levels, and Types

1. Revises Paragraph 3.2.3 defining intermediate maintenance.
2. Revises Paragraph 3.3.3.1 adding NAVAIRWARCENACDIV to NAVAVNDEPOT VRTs.

Chapter 4: Organization for Aircraft Launch and Recovery Equipment Maintenance

1. Revises Paragraph 4.1.1 defining CNO responsibilities.
2. Revises Figure 4-2 ALRE Maintenance organizational chart.
3. Revises Paragraph 4.4.1.2 removing Pilot Landing Aid Television (PLAT).
4. Revises Figure 4-3 ALRE Supply Organization.
5. Revises Paragraph 4.4.2.3 f. adding NAVAIRWARCENACDIV VRT.
6. Revises Paragraph 4.4.4.1 adding NAVAIRWARCENACDIV Detachments in Norfolk and Mayport.
7. Revises Figure 4-4 NAVAIRSYSCOM ALRE Maintenance Organization.
8. Revises Paragraph 4.4.5.1 Naval Shipyards.
9. Combines Paragraph 4.4.5.5 with 4.4.5.3.
10. Revises Figure 4-5 NAVAIRWARCENACDIVADLKE Organization.
11. Revises Figure 4-6 NAVSEASYSYSCOM ALRE Maintenance Organization.

Chapter 5: Training

1. Revises Figure 5-1 ALRE Training Organization.
2. Revises Paragraph 5.3.4 f. removing aviation support equipment (SE).

3. Deletes Paragraph 5.5.3 “f” & “g” in its entirety.
4. Revises Paragraph 5.5.4 removing range of courses.
5. Revises Paragraph 5.10.2 removing NOTAL and FRAMP.
6. Revises Paragraph 5.10.3 by removing CNTECHTRA from the MTRR advisory committee.
7. Added c. to Paragraph 5.11.3.1 concerning required reading boards.
8. Revises 5.12.2.2 by and removing c., d. entirely.

Chapter 6: ALRE Maintenance Management Teams

1. Revises Paragraph 6.1.1 Changes ALRE maintenance management team members.
2. Revises Paragraph 6.2.1 briefing requirements.
3. Revises Paragraph 6.2.2 increased scope of ALRE maintenance management teams by including shore activities.
4. Revises Paragraph 6.3.1 increased scope of ALRE maintenance management teams by including shore activities.
5. Adds Paragraph 6.3.1 “i” reporting requirement to COMNAVAIRSYSCOM (PMA251) upon completion of formal audits.
6. Adds Paragraph 6.4.2 for notifying COMNAVAIRSYSCOM (PMA251) prior to formal audits.

Chapter 7: Special Programs

1. Add Paragraphs 7.8 through 7.8.3 The Installed/Discrepant Parts List (I/DPL).
2. Adds Note in Paragraph 7.8.2 for virus scan of I/DPL submissions.
3. Adds Paragraphs 7.9 through 7.9.3.2 The Automated Shot and Recovery Log Program (ASRL).
4. Changes Paragraph 7.9.1 main ALRE ASRL to ASRL Main.

Chapter 8: Maintenance Organization and Responsibilities

1. Updates Paragraph 8.2 Organization reference to four-catapult CV/CVN.
2. Updates and Reformats Figure 8-1 ALRE Maintenance Organization by deleting reference of the Below Deck and Topside Petty Officer.
3. Revises Paragraph 8.3.7 g. adding “all tasks requiring quality assurance inspection”.

Chapter 9: Maintenance Control

1. Removes reference to SNAP I OMMS.
2. Revises Paragraph 9.1.3 removing 5MC speakers.
3. Revises Paragraph 9.4.4 adding “or assistant”.
4. Revises Paragraph 9.5.4 adding colors green and yellow to MAF Card.
5. Revise Paragraph 9.5.4 removing locally established procedures.
6. Revises Paragraph 9.6.1 removing multi purpose 2-part form and changes 5 working days to 5 operating days.
7. Revises Paragraph 9.6.2 adding “and man-hour documentation.
8. Revises Paragraph 9.6.3 to reflect figures 9-7a through 9-7e.
9. Revises Figure 9-4. MAF CARD definition.
10. Revises Paragraph 9.8.2.c adding “and last accomplished”.
11. Reformats and Updates Figure 9-6 Unscheduled (Corrective) Maintenance Procedures.
12. Reformats and Updates Figure 9-7 Scheduled Maintenance (PMS) Procedures.

13. Revises Paragraph 9.9.1 adding OPNAV 4790/160 form. Also adding directions from Paragraph 9.6.3.
14. Revises Paragraph 9.11.3 changing (SWLIN) to (ESWBS) Extended Ships Work Breakdown Structure.
15. Revises Paragraph 9.11.4.1 adding ESWBS.
16. Revises Paragraph 9.11.4.3 removing “retain PRS for history”.
17. Revises Paragraph 9.11.6 d.(1) adding “and NDI documentation”.
18. Reformats Figure 9-10 Sample Outside Maintenance Activity VIDS Board.
19. Revises Figure 9-11 changing SWLIN to ESWBS and removing 2-part ALRE MAF.
20. Revises Figure 9-12 changing SWLIN to ESWBS.
21. Adds first “Note” to page 9-12 regarding Progress Report Sheets.
22. Adds third “Note” to page 9-15 provisions for notifying the type commander if adequate QA personnel cannot be maintained for ship’s force and shipyard maintenance actions.

Chapter 9A: Maintenance Control Using the ALREMP ADP Program

1. Chapter 9A has been deleted in its entirety.

Chapter 10: Material Control

1. Add Paragraph 10.2.4 augmentation of V-2 division by a rated storekeeper (SK).
2. Revises Paragraph 10.3.1 b. adding “ Fleet Support Team (FST)”

Chapter 11: Quality Assurance

1. Revised entirely for inclusion of NAVAIR EI Website.
2. Updates Figure 11-15 ALRE Discrepancy Reports Matrix.
3. Added Figure 11-16 Fleet Support Team Response Matrix.

Chapter 12: ALRE Maintenance Support

1. Revises pages 12-1 through 12-8 in its entirety.
2. Updates Figure 12-1 Maintenance Support Organization.

Chapter 13: ALRE Maintenance Organizations and Responsibilities

1. Revises Paragraph 13.3.2 to reflect SIMA location changes.
2. Updates Figure 13-1 COMNAVAIRLANT ALRE Maintenance Organization.
3. Revises Paragraph 13.4.3.1 to reflect VRT location changes.
4. Revised Paragraph 13.4.4 to reflect shipyard changes.
5. Revises Paragraph 13.6.2 Changes to forward deployed CV.
6. Revises Paragraph 13.6.2.2 Changes to forward deployed CV.

Appendix A: Acronyms and Abbreviations

1. Contains general update.

Appendix B: Instructions for Completing OPNAV 4790/160

1. Contains general update.
2. Changes Block #40 for work center supervisor signature.
3. Increases the definition for the “P” “C” and “O” Block.

Appendix Ba: Instruction for Completing OPNAV 4790/143

1. Deleted in its entirety.

Appendix C: ALRE Malfunction and Corrosion Control Codes

1. No Changes.

Appendix D: Forms and Reports

1. Contains general update.

Appendix E: Sample ALREMP Forms

1. Figure E-1, Removed Workstations for Bridle Arrester and Chronograph. Added column for testing suspend switches.
2. Figure E-2, Added column for accounting of wing cover bolts.
3. Figure E-3, Removed Workstations for Bridle Arrester and Chronograph. Added F/A-18E/F to Launching Accessory Data.
4. Figure E-4, Added lines to write measurements.
5. Deleted Figure E-5, Linear Retraction Engine Data.
6. Changed Figure E-6 to E-5. Removed CSV Bottom Position and reversed Clock Times (Decreasing)
7. Changed Figure E-7 to E-6. Added PMS Being Performed.
8. Changed Figure E-8 to E-7. Added PMS Being Performed.
9. Changed Figure E-9 to E-8. Added PMS Being Performed.
10. Changed Figure E-10 to E-9. Added blocks for connector contract numbers.
11. Changed Figure E-11 to E-10.
12. Changed Figure E-12 to E-11.
13. Changed Figure E-13 to E-12.
14. Changed Figure E-14 to E-13. Added section for Topside Equipment.
15. Changed Figure E-15 to E-14. Added section for missing bolts and terminal to sheave measurement.
16. Changed Figure E-16 to E-15. Changed notes section.
17. Changed Figure E-17 to E-16.
18. Changed Figure E-18 to E-17. Added Notes.
19. Changed Figure E-19 to E-18.
20. Changed Figure E-20 to E-19. Add measurement areas.
21. Changed Figure E-21 to E-20.
22. Figure E-21, New form to document Engine Sheave Wear Data.
23. Figure E-22, New form to document Sheave Wear Data.
24. Added Figure E-28, IFLOS MK 13 Mod 0 Pole Check Data.

Appendix F: ALRE Technical Manuals

1. Contains general updates.

Appendix G: ALREMP Index

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1. Deleted appendix G: in its entirety. Appendix H: changed to appendix G: which contains general updates.